

Honeybrook Borough and Township
Christina River Basin
2017 MS4 Pollutant Reduction Profile

Honeybrook Borough lies surrounded by Honeybrook Township, forming an urbanized area (the “Central Area”) that flows into impaired West West Branch Brandywine Creek. Located in the northwest corner of Chester County, Honeybrook Township borders West Caln, West Brandywine and West Nantmeal.¹

Pollutants of Concern: Sediment and Nutrients²

Calculation Methodology: TMDL Report

Pollution Reduction Targets (lbs/yr): ³	Sediment	Nitrogen	Phosphorous
Existing Loading:	50584	11778	213.74
Long-Term Reduction Requirement	20946	4079	75.46
Residual Reduction Requirement	4119	4125	75.04
Short-Term Reduction Requirement	1350	336	10.12

Proposed Short-Term BMP’s (lbs/yr):⁴

Umble Park Tree Planting	56	15	0.4
Umble Park Rain Garden	112	53	1.0
Township Farm 1 Buffer	10798	570	20.8

Proposed Short-Term BMP’s Cost Estimate:⁵

Umble Park Tree Planting	\$525
Umble Park Rain Garden	\$34,262
Township Farm 1 Buffer	\$16,800

Funding Mechanism: BMPs funded by Borough municipal funds, since Township has met its short-term requirement.⁶

Potential for Collaboration: The pollutant reduction plan relies on a collaboration between Borough and Township. West Branch Brandywine Creek reaches attaining status before it enters West Brandywine Township.

¹ <https://www.chesco.org/DocumentCenter/View/41243>

² Honeybrook Collaborative TMDL Plan, Section C

³ Honeybrook Collaborative TMDL Plan, Table D-3

⁴ Honeybrook Collaborative TMDL Plan, Table E-2

⁵ Honeybrook Collaborative TMDL Plan, Table F-1

⁶ Honeybrook Collaborative TMDL Plan, Section F